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PAPERS IN CONNECTION WITH THE BUBONIC PLAGUE.

INSPECTION NOTES OF THE PLAGUE COMMISSIONER AND REVENUE COUNCILLOR, EASTERN DIVISION.

Kolar Gold Fields.

2ND FEBRUARY 1899.

Drove with Deputy Commissioner and Plague Officer to the Ghat Police Station.

Balaghat. From this point struck across a cart-track passing through the Balaghat Mines property. Near the Balaghat Station inspected the porter lines, which had been disinfected, and ordered the rubbish lying near the lines to be burnt after pouring kerosine oil over it. Walking onward reached the loop-line connecting the Mulbagal Railway feeder with Ooregum road. Inspected the trace of the new road branching off from the loop-line up to Ooregum small tank.

From this point went across the fields to Ooregum village. At the entrance to

Ooregum. the village noticed a small quantity of sewage deposited in shallow pits. It was ascertained that it was removed from pits sunk in front of each house for receiving sullage and sewage water. This system of allowing the sewage water either to collect in pits or to run in open drains is noticeable all over the village. It is understood that 200 cisterns will suffice for the whole village and they can be constructed under Rs. 5 each. Ordered that masonry cisterns should be built to receive the sullage and that the matter collected should be carted away to a distance. Saw the house in which a suspicious death was said to have taken place that morning. Inspected the low-lying huts run up almost in the paddy flats and which had lately been condemned and evacuated by the Deputy Commissioner.

The place is low and the sewage runs in drains taken in the soil on both sides of the road. There is no flow and the whole virtually soaks into the soil.

Passing through the paddy flats of Sonnakoppa tank, rejoined the trace of the new road near the right end of the tank. Saw the new well and also the plague health-sheds in progress. These are roofed with corrugated iron sheets with mud walls 12′ × 12′. 51 huts have been completed and forty-three occupied by families removed from Ooregum village. The other sheds, 49 in number, are under construction.

From here walked down to the plague sheds. The hospital shed is roofed with

Ooregum Plague Sheds and Hospital. corrugated iron sheets, the walls being of bamboo mats. These do not afford sufficient protection against wind. Directed that they should be daubed with red earth and made wind-proof. The Hospital is divided into four compartments 12′ × 9′ and there were two patients in it at the time of inspection. There was no clinical chart put up, and one of the patients was sitting up in bed. The Hospital Assistant, who is a pensioned man from the Madras side, did not know if the patient had plague or not. He admitted he was not able to diagnose plague, and did not know how to treat it. Now that some indigenous cases have occured in Marikuppam bazaar, it is time that the hospital was put in charge of a man with better qualifications and one who has had some experience of plague work in Bangalore. The office and kitchen were in good order, but I understand that the medicines have to be brought from the Central Stores in Bangalore. The contact sheds, both those erected at the expense of the Mines and by Government, are well arranged and neatly kept. There were inmates both in the male and female sheds. There are also sheds for totis and for Police guards. Better arrangements might be made for disinfecting the contacts and their clothing.

Moving on towards the south, inspected the sites allotted for the market, for Medical, Excise, D. P. W., Geological and Police Departments on both sides of the new road. Inspected also the inspection lodge under construction, which has come up to the basement level. From this point rode towards the south-west observing the construction of the general cemetery, passed through the Marikuppam bazaars inspecting the houses in which there had been plague and which the disinfecting officers had lately unroofed after disinfection.

Conference with the Superintendents of the Mines.

At 1 noon held a meeting at the Champion Reefs Camp where the following Mining Superintendents and Government Officers were present:—

Dr. O'Donnell, Chief Medical Officer; Mr. R. Hancock, Mysore Mines; Mr. Hambley, Ooregum Mines; Mr. Bowsworth-Smith, Tank Block Mines; Captain J. Rowe, Champion Reefs; Mr. Chegwin, Oriental. Mr. T. Richards, Nandidroog Mines; Mr. Williams, Gold Fields of Mysore; Mr. H. H. Sparkes, Deputy Commissioner, Kolar district; Mr. Hume Wright, Special Magistrate, Kolar Gold Fields; Mr. F. S. Hay, Assistant Superintendent of Police and Plague Officer.

After some discussion it was agreed that it was undesirable to apply for stopping of booking at Kuppam, that such a step would be attended with much annoyance and inconvenience to the public, while the protection to the Gold Fields afforded was of doubtful efficacy. The Mining Superintendents, however, were of opinion that an Inspection-station should be opened at Bisinatham for examination of passengers going to the Fields. The Meeting also were of opinion that the Police patrols to the south and east should be strengthened, that a Hospital Assistant should be assigned to Ooregum village, that the conservancy of the Jodidar's Lines should be improved, and that a Lady Apothecary or some other qualified medical woman should be posted to search houses in the Jodidar's Lines, and that a medical officer, qualified to inoculate, should be deputed to inoculate in the villages.

Inspection Station at Bisnatham.

Re the institution of an inspecting station at Bisnatham, Mr. Hay has already inspected Bisnatham station accompanied by the Sub-Assistant Surgeon. He has selected a site for the Inspecting Medical Officer, for the Police, and for the passengers. I have authorized him to run up sheds 20 × 10′ and 10′ × 10′ for the Medical Officer, and three sheds 20′ × 10′ each for passengers and Police. The Senior Surgeon has been requested to depute an Officer of the grade of Sub-Assistant Surgeon to be in charge of this Inspection-station. The Plague Officer has been authorized to entertain one Officer and three Constables in addition to the three Constables now employed for duty at the station. The Plague Officer has also received instructions for having 2 big cauldrons put up at the camp in the station for disinfecting the person and clothing of the passengers alighting at the station. The instructions are that such of the passengers alighting at the Station as are liable to be detained and disinfected should be disinfected, served with observation notices, escorted to the Fields and delivered to the Camps to which they may wish to proceed. Passengers arriving by the evening train will be kept for the night, and disinfected with those that arrive by the morning train and all of them sent in one batch to the Fields.

Inspection at Kamasamudram.

There is already a Hospital Assistant at Kamasamudram; the Police establishment there also will be 1 Officer and 6 Constables. Arrangements similar to those at Bisnatham have been ordered for disinfection at the station. But these arrangements may not have to be long continued, for I understand there has been a falling off in passengers alighting at these stations already. For December the daily average of passengers for Bisnatham was 51·0 and Kamasamudram 24·4. For the first fortnight of January the number had fallen to 24·9 and 16·0, and for the 2nd fortnight there has been a further fall to 15·5 and 11·3, respectively.

Madamangalam.

For the frontier to the south and east, 5 additional out-posts have been opened and Policemen appointed to them. For those who come across country and are caught at the outpost, it is proposed to have a disinfection shed opened at Madamangalam. Altogether 5 officers and 42 Constables, costing altogether Rs. 586 per month, have been sanctioned in addition to the present Plague establishment.

There is a rigorous supervision exercised at Bowringpet. Every suspicious arrival from an infected area is detained for observation in the Camp at Bowringpet, and only such as have stood a severe examination by the Medical Officer are allowed to proceed to the Gold Fields under escort and delivered at the different stations to the Sanitary Overseers deputed by the Mining Superintendents.

The disinfection arrangements now ordered at Madamangalam, Bisnatham and Kamasamudram ought to afford additional protection to the mines. I have only one additional precaution to suggest to the Mining Superintendents, and that is to have the working suits of coolies working underground thoroughly disinfected, and kept somewhere near the shafts, to be worn when they go underground and left at the mouth of the shaft when their work is over. The cloths may be marked by a number of letters. They may be exposed to the sun when not worn and disinfected as often as can be conveniently arranged.

Plague Staff.

There is more than a sufficient staff of Plague Supervisors and Inspectors, but I fear that they are not properly trained in the method of disinfecting houses, and I have asked for a trained disinfecting Inspector being sent down from Bangalore. I have also asked for the services of two trained Midwives and Nurses, and have asked the Health Officer from Bangalore to go down to the Fields and carry out the necessary improvements in the Hospital and show the man in charge the way to prepare correct returns.

3rd February :—

Bowringpet.

Morning.—Inspected the town of Bowringpet with the Deputy Commissioner. Saw the Plague Detention Camp. The sheds are kept clean; men and women under observation seem to be well cared for. I have every reason to be satisfied with the scrutiny exercised by the Medical Officer in chage of the Bowringpet Railway Inspecting Station.

In the afternoon the Deputy Commissioner, who had gone with the Plague Officer to the Jodidar's Lines in the day, returned and spoke favourably of the temper of the people living in the Lines, especially the Mahomedans, who were willing to evacuate. The Deputy Commissioner expects to get the Lines placed in a sanitary condition within a few days.

Taluk Cutcherry.

In the evening inspected the Taluk Cutcherry. It is not well adapted for a Taluk Cutcherry. I would recommend its being sold and a new building constructed higher up in the new Town on a scale to meet the requirements of a growing town like Bowringpet.

Taluk Records.

The cutcherry was better kept than at the last Inspection, but I found no improvement in sorting the records. Some that had been sorted were kept without being tied in cloth bundles. I think one or two hands should be assigned specially to see the records taken in hand and brought into order. I shall be glad to know what steps the Deputy Commissioner has taken towards carrying out my suggestions. I am the more anxious about the records as I understand that some important papers are missing from some of the bundles.

4th February :—

Kolar.

From Bowringpet to Kolar. Inspected the Plague Detention Camp, both the one for the Hindus and the one for the Mahomedans. They were kept clean and every arrangement made for the comfort of the men and women detained.

Inspected the town. I was pleased to find that many improvements had been made since my last visit in October. I was particularly struck with the thoroughness with which a conservancy lane which had been pointed out to me to be of vital importance for the sanitation of the town, had been carried through the whole length of an important and overcrowded street. The Deputy Commissioner has the work well in hand and expects to have similar lanes opened for the benefit of the other parts of the town.

He has the willing and hearty co-operation of the leading men of the town and of his officers.

5th February :—

In the morning inspected the Plague Camp and Hospital. A patient who did not develop plague is about to be discharged, and another is in a precarious condition. The arrangements for feeding the patients are good. No necessity has arisen for giving meat broths, but the Civil Surgeon has appliances ready for preparing these and other necessary items of hospital diet.

The Civil and Medical authorities have worked with one accord to keep out plague and have so far dealt with imported cases promptly and effectively. The Civil Surgeon should have an Assistant to look after the Headquarters when he goes out on inspection in the district, and on inoculation work.

Extract from the Diary of the Acting Extra Assistant Commissioner, Chikballapur sub-division, for the week ending Friday, 3rd February 1899.

"At Posettihalli I traced the origin of plague in that village to the arrival of one of the villagers' son-in-law with things from plague-infected town of Hosur in Goribidnur taluk; on the 28th ultimo this villager's family was the first attacked in Posettihalli, and it lost five members. The whole village is evacuated, and inhabitants are putting up in huts. On the appearance of dead rats in Bommenahalli most of the villagers left the village and are now camping out. There were 61 attacks and 56 deaths in the town and village of Chikballapur during the week, against 76 and 66 of the past week. Out of the 250 persons inoculated on the 30th and 31st January only one girl died and probably she was predisposed to plague. * * *"

Extract from the diary of the District Plague Officer, Tumkur, for the week ending 3rd February 1899.

* * * * *

Plague in the Tumkur Town.—There were 8 attacks and 8 deaths as against 6 attacks and 5 deaths of the last week. Most of the cases occurred in the suburbs of Tumkur. The Vice-President of the municipality reports that attacks in the town proper were less than in the previous week. Applications for disinfection of houses are increasing day by day, and the people who have left the town are showing impatience to return to their homes.

Remarks of the Deputy Commissioner on the above.

The disinfection of these houses is going on. I inspected some of the houses which were being disinfected, and am satisfied that the work is done thoroughly.

Remarks of the Plague Commissioner on the above.

Don't let them return until disinfection work is completed. The longer they stay out in this weather the better chance of avoiding a recrudescence and of their having to again evacuate in less clement weather. Point this out to the people.

Plague in the Mofussil.—During the week under report the following villages of the Tumkur taluk became infected.

1. Beramkall (3 miles from Tumkur). 2 Chikkahalli (7 miles from Tumkur). 3 Lakshmisandra, 4 Dibbur (1 mile from Tumkur) and 5 Arakere (5 miles from Tumkur). Of these at Beramkall before evacuation 10 cases and 6 deaths occurred. The village, which consists of 56 houses and 305 people, is now completely evacuated, and though a few cases occur now and again among the villagers in the fields, the disease is expected to stop in a few days more.

At Chikhalli 2 cases occurred before evacuation. The village consisting of 69 houses and 272 people is now completely evacuated. Since evacuation no cases have occurred.

At Lakshmisandra, a village consisting of 17 houses and 98 people, the existence of plague was concealed by the patel, a Brahmin Jodidar, who is being prosecuted. The village was evacuated on 1st February and no cases have since occurred there.

At Dibbur, a village 1 mile from Tumkur with 79 houses and 330 people, a case of plague occurred on the 31st of January. The village was at once evacuated. Two fresh cases have occurred.

Arakere.—This village is situated at a distance of 1 mile from the infected village of Yellapur and 1½ miles from the infected village of Antarsanhalli. There have been 3 attacks with 3 deaths in the village. The patel sent intimation of the 1st attack at once to the Amildar, who proceeded to the spot on the 2nd with the Assistant Surgeon immediately after the report. The patel had segregated the patient who was found on examination to be suffering from plague. On the origin of the outbreak, the Amildar reports as follows:—One Sidrama of Arkeri village sold some 15 pallas of paddy to one Sidda of Antarasanhalli, an infected village near Tumkur. The latter had come to the house of the former some 15 days ago for the purpose of making this bargain. One or two days after this, Siddarama found a dead rat in the house and quickly vacated it witout informing any other person in the village. A few days after this, dead rats were found in the neighbouring houses, but their inmates did not take any warning. They evacated their houses after they saw the actual attacks which the patel reported to the Amildar. The Amildar reports that with the exception of three Brahmin houses, the whole village, which contains 51 houses with a population of 247, has been evacuated.

Out of 30 villages already infected, cases have occured in 8 villages and, that too on a very small scale. Of the remaining 22 villages, 4 villages have presented a clean bill of health during the last week and 18 villages during the last 2 weeks.

The Amildar of Tumkur reports that the disinfection of the village of Bhimasandra has been completed and that the villagers are now whitewashing their houses. * * *

Statement showing the number of Houses Disinfected in the Bangalore City.

Week ending	Number of houses disinfected.
3rd February 1899	361
27th January 1899	389
From the commencement up to 20th January 1899 ..	3,396
Total ..	4,146

Comparative Statement showing the number of Infected Villages in each District during the weeks ending 27th January and 3rd February 1899.

Districts.	Infected villages.	
	During the week ending 3rd February 1899.	During the week ending 27th January 1899.
Bangalore	56	47
Kolar	12	10
Tumkur	15	13
Mysore	3	5
Hassan	...	...
Shimoga	...	...
Kadur	...	...
Chitaldrug	..	...
Total ..	86	75

Statement showing the total number of persons in the Health Camps, Bangalore City, for the week ending Friday, the 3rd February 1899.

Health Camps.	Number remaining on Friday, the 27th January 1899.	Number admitted during the week from 28th January to 3rd February 1899.	Number discharged during the current week from 28th January to 3rd February 1899.	Number remaining on the last day of the current week on the 3rd February 1899.
Lal-Bagh Road Police Lines ...	...	19	3	16
Makan	5	...	5	...
Oopparahalli Health Camp ...	216	...	45	171
In Sub-Ward II (Yedur, Mysore Road and Guttahalli) ...	283	51	64	270
Total ...	504	70	117	457

Statement of houses demolished in the Bangalore City and compensation paid.

Period.	Number of houses demolished.	Houses for which compensation was paid.		Balance of compensation to be paid.	Remarks.
		No.	Amount.		
			Rs. a. p.	Rs. a. p.	
During the week ending 4th February 1899 ...	24	5	227 11 4	.....	The greatest number demolished consisted of houses either in ruins or of very inferior kind, coming under the category of huts or sheds. The owners in most cases being absent, no settlement could be effected.
From commencement up to the 27th January 1899 ...	326	13	804 4 5	.....	
Total ...	350	18	1,031 15 9	.....	

Statement showing Plague Cases and Deaths (imported as well as indigenous) in the Mysore Province, reported in daily returns to the Plague Commissioner from 12th August 1898 to week ending Friday, the 3rd February 1899.

Period.	1				2				3				4				5			
	Bangalore.				Mysore City.				Bangalore District.				Kolar District.				Tumkur District.			
	City.		Cantonment.		Imported.		Indigenous.		Imported.		Indigenous.		Imported.		Indigenous.		Imported.		Indigenous.	
	Cases.	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
During the week ending Friday, the 3rd February 1899.	8	7	22	21	...	...	292	216	...	...	265	245	6	4	100	93	5	4	45	26
During the week ending Friday the 27th January 1899.	14	8	30	16	...	...	279	193	3	2	304	289	8	6	58	70	1	1	42	27
Total since the first appearance of Plague, *i. e.*, from 12th August 1898, up to 20th January 1899.	3,304	2,633	3,918*	3,226*	14	12	324	244	227	183	3,402	3,066	144	98	480	418	108*	82*	646	477*
Total ...	3,324	2,648	3,960	3,263	14	12	889	656	230	185	3,968	3,600	128	107	638	581	114	87	733	540

Period.	6				7				8				9				10				11	
	Mysore District.				Hassan District.				Shimoga District.				Kadur District.				Chitaldrug District.				Total.	
	Imported.		Indigenous.		Imported.		Indigenous.		Imported.		Indigenous.		Imported.		Indigenous.		Imported.		Indigenous.			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases.	Deaths.
During the week ending Friday, the 3rd February 1899.	2	1	17	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	760	641
During the week ending Friday, the 27th January 1899.	2	2	20	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	742	635
Total since the first appearance of Plague, *i. e.* from 12th August 1898, up to 20th January 1899.	24	17	147	120	2	1	...	...	...	...	...	...	6	5	...	...	6	4	...	...	12,722*	10,586*
Total ...	28	20	184	158	2	1	...	...	...	...	...	...	6	5	...	...	6	4	...	...	14,224	11,862

Revised figures.

Supplementary Statement showing in detail the places in the Mofussil where Plague Cases and Deaths were reported in daily returns to the Plague Commissioner during the week ending Friday, the 3rd February 1899.

Population in 1891.	Places.	During the week ending 3rd February 1899.		During the week ending 27th January 1899.		Previously reported for period from 12th August 1898 to 20th Jan. 1899.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths	Cases.	Deaths.
	Bangalore District.								
	Kengeri, Bangalore Taluk ..	2	2	2	2	81	77	85	81
	Yeswantpur do ...	...	...	1	1	25	19	26	20
	Varthur do ...	1	1	2	2	59	58	62	61
	Yelahanka do ...	3	3	13	13	167	167	183	183
	Begur do ...	3	3	3	3	43	43	49	49
	Chikbanavar do ...	1	1	5	5	80	80	86	86
	Madivala do ...	...	..	1	1	11	11	12	12
	Koramangala do ...	8	8	1	1	15	15	24	24
	Laggeri do ...	...	...	1	1	6	6	7	6
	Amritahalli do ..	2	2	2	2	2	2	6	7
	Geddalhalli do ...	3	3	4	4	2	2	9	9
	Siddapur do ...	...	...	1	1	6	5	7	6
	Attur do ...	...	...	2	2	...	...	2	2
	Kurukan Palya do ...	...	...	1	1	...	...	1	1
	Yadur do ...	...	...	2	2	7	6	9	8
	Nagasandra do ...	...	...	2	2	3	3	5	5
	Turukan Palya do ...	...	...	1	1	...	...	1	1
	Gidadahalli do ...	...	...	1	1	...	...	1	1
	Geblalu do ...	2	2	2	2	...	...	4	4
	Bayanapalya do ...	4	4	...	...	...	...	4	4
	Chellaghatta do ...	2	2	..	...	...	...	2	2
	Nagaiyan Palya do ..	2	2	...	...	...	...	2	2
	Herohalli do ...	1	1	...	..	...	...	1	1
	Mattigere do ...	2	2	...	...	1*	1	3	3
	Chinnayakan Palya do ...	1	1	...	...	...	...	1	1
	Jaksandra do ...	1	1	...	...	4*	4	5	5
	Krishnarajpur do ...	1	1	...	...	1	1	2	2
	Chattupalya do ...	4	4	...	...	15†	15	19	19
	Hoskote Town ...	8	4	12	10	258	249	278	263
	Madimelsandra do ...	...	...	1	..	..	...	1	...
	Abbur do ...	...	..	1	1	...	...	1	1
	Doddaballapur Town ..	6	6	15	15	237	229	258	250
	Bidagere, Doddaballapur Taluk	3	2	...	...	...	...	3	2
	Nelamangala Town ...	36	36	25	17	54	41	115	94
	Tyamagondlu, Nelamangala Taluk.	2	2	8	7	38	29	48	38
	Madavar do ...	...	5	6	3	19	9	25	17
	Begur do ...	...	..	..	1	74	50	74	51
	Padripalya do ...	...	1	...	...	1	1	1	2
	Huligowdanhalli do ..	...		1	1	...	..	1	1
	Doddabele do ...	2	...	...	...	...	...	2	...
	Harohalli, Kankanhalli Taluk ...	8	6	13	7	56	39	77	52
	Obichudanhalli do ...	1	1	...	...	*8	4	9	5
	Somanhalli do ...	6	1	...	...	...	...	6	1
	Magadi Town ...	23	19	26	26	102	96	151	141
	Kalya, Magadi Taluk ...	...	.	1	1	..	..	1	1
	Closepet Town ..	6	4	...	5	1	1	7	10
	Kempaiyana Palya, Closepet Sub-Taluk ...	2	2	...	...	2	1	4	3
	Channapatna Town ...	19	19	29	29	650	648	698	696
	Kudlur Channapatna Taluk ...	2	2	2	2	4	4	8	8
	Rampura do ...	2	2	4	4	3	5	9	9
	Devarhosahalli do ...	1	1	5	5	1	1	7	7
	Mangalwarpete do ...	...	...	2	2	...	...	2	2
	Mandi do ...	1	1	2	2	...	...	3	3
	Sunnaghatta do ...	1	1	1	1	...	...	2	2
	Vaddardoddi do ...	1	1	...	..	...	‡1	1	2

*Vide Statement for week ending 13th January 1899.
† Do do 20th do
‡ Do do 6th do

Supplementary Statement of Plague Cases, &c.,—*contd.*

Population in 1891.	Places.	During the week ending 3rd February 1899.		During the week ending 27th January 1899.		Previously reported for period from 12th August 1898 to 20th Jan. 1899.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
	Bangalore District (concluded).								
	Thagachekere, Channarayapatna Tk.	1	1	...	...	...	...	1	1
	Mahadeswarandoddi do ...	1	1	...	..	...	...	1	1
	Hongunur do ...	1	1	..	...	...	...	1	1
	Anekal Town ...	59	54	56	56	391	322	506	432
	Sarjapur, Anekal Taluk ...	5	7	2	3	308	261	315	271
	Jigane do ...	5	4		1	67	47	72	52
	Yemari do ...	...	..	2	2	9	4	11	6
	Hulimangala do ...	1	2	7	4	16	14	24	20
	Mattanallur do ...	...	...	1	2	9	6	10	8
	Attibele do ...	2	1	4	8	8	1	14	10
	Kattanhalli do ...	...	...	3	1	...	..	3	1
	Chandapura do ...	3	1	...	...	*3	3	6	4
	Bidargere do ...	2	2	...	...	...	...	2	**2**
	Devanhalli Town ...	4	4	24	24	86	85	114	113
	Chaggalatti, Devanhalli Taluk ...	..	...	3	3	..	..	3	3
	Honnenhalli do ...	...	...	1	1	...	...	1	1
	Purasanhalli do ...	1	1	...	...	...	...	1	1
	Gobaldinne do ...	2	2	...	...	...		2	**2**
	Chiksomdinne do ...	1	1	...	...	...	...	1	1
	Parvatghatta do ...	2	2	...	...	...	...	2	2
	Sasethanahli do ...	1	1	...	...	...	...	1	1
	Alordinne do ...	1	1	..	...	....	..	1	1
	Other places ...	...	...	..	...	696	585	696	585
	Total ...	265	245	304	291	3,629	3,249	4,198	3,785
	Kolar District.								
	Kolar Town ...	1†	...	1	...	12	6	14	6
	Nandidroog Camp, Bowringpet Taluk	...	...	1	...	...	...	1	...
	Gold Field do ...	3	2	...	..	7	5	10	7
	Srinivaspur Town ...	..	...	1	...	...	..	1	..
	Sidlaghatta do ..	1†	...	..	1	3	2	4	3
	Chikballapur do .	59	62	36	50	192	171	287	283
	Marchenahalli, Chikballapur Tk	1	1	...	...	2	2	3	3
	Ankangondi do ...	...	...	1	1	2	2	3	3
	Mushtur do	1	1	2	2	1	1	4	4
	Ajavara do ..	1	2	...	...	3	2	4	4
	Bommanhalli do ...	...	...	2	1	...	..	2	1
	Tippanahalli do ..	...	...	1	1	...	...	1	1
	Ganganmidde do ...	3	1	...	...	4*	3	7	4
	Honnenhalli do ..	1†	...	...	.	2*	2	3	2
	Kandawar do ...	2	2	...	...	...	..	2	2
	Arsalbande do ...	3	...	...	...	...	...	3	...
	Dibbur	8	4	...	...	...	...	8	4
	Karikalhalli, Goribidnur Taluk ..	..	...	...	1	11	10	11	11
	Irandahalli do ..	...	...	...	1	4	..	4	1
	Hosur do ..	6	5	1	1	12	10	19	16
	Jirigepete do ...	..	...	1	1	2	2	3	3
	Madigere, Goribidnur Taluk ...	...	...	1	1	2	2	3	3
	Nemaivara Palya do ..	..	...	2	...	...	...	2	...
	Kunte, Chikkanhalli do ...	6	5	...	..	...	...	6	5
	Malur Town	10	11	15	14	181	153	206	178

*Old statement for week ending 20th January 1899.

†Imported

Supplementary Statement of Plague Cases, &c. – *concld.*

Population in 1891.	Places.	During the week ending 3rd February 1899.		During the week ending 27th January 1899.		Previously reported for period from 12th August 1898 to 20th Jan. 1899.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
	Kolar District (concluded).								
	Lakkur, Malur Táluk ...	...	...	1	1	...	...	1	1
	Other places	...	...	...	...	154	143	154	143
	Total ...	106	96	66	76	594	516	766	688
	Tumkur District.								
	Tumkur Town ...	8	9	4	4	373†	278†	385	291
	Maralur, Tumkur Taluk ...	1	...	3	2	24†	20†	28	22
	Kesarmadu do ...	...	...	...	1	25	19	25	20
	Melekote do ...	2	1	...	...	11	7	13	8
	Deveruru do ...	4	1	5	...	8†	5†	17	6
	Gangasandra do ...	...	...	1	1	5	3	6	4
	Kuripalya do ...	...	1	2	...	3	2	5	3
	Bugadanhalli do ...	...	...	2	1	4	4	6	5
	Banavar do ...	...	...	1	1	2	1	3	2
	Satyavangala do ...	...	...	1	1	2	1	3	2
	Palya or Agrahar do ...	...	4	9	11	19†	5	28	20
	Attharsanhalli do ...	2	3	8	4	...	...	10	7
	Heggeri do ...	6	5	5	1	1	1	12	7
	Maidála do ...	1	1	1	..	...	..	2	1
	Urdugeri do ...	...	...	1	1	1†	1†	2	2
	Settahalli do ...	7	5	...	..	6†	2†	13	7
	Beernakull do ...	9	4	...	...	...	...	9	4
	Belagumba do ...	1*	1	...	...	2†	2	3	3
	Chikbellavi do ...	2*	2	...	...	...	...	2	2
	Lakshmisandra, do ...	1	...	..	...	..	...	1	...
	Dibbur do ...	1	1	..	...	...	...	1	1
	Arakere do ...	2	1	...	...	...	...	2	1
	Maddagiri Town ...	1*	1	...	...	1	...	2	1
	Other places ...	...	...	...	...	†267	†208	267	208
	Total ...	50	40	43	28	*754	*559	847	627
	Mysore District.								
	Kumbar Koppal, Mysore Taluk ...	3	7	...	...	...	...	3	7
	French Rocks Town ...	...	...	1	1	120	109	121	110
	Ganjam, Seringapatam Taluk ...	12	5	15	13	4	1	31	19
	Kennalu do ...	...	...	...	1	6	5	6	6
	Bellalachatra do ...	...	...	...	1	1	...	1	1
	Seringapatam Town ...	...	...	1	...	...	...	1	...
	Paschimavahini, Seringapatam Taluk	1*	...	...	1	..	...	1	1
	Palhalli do ...	2	3	4	2	...	...	6	5
	Hunsur Town ...	1*	1	...	...	...	...	1	1
	Kathvadipur, Nanjangud Taluk.	...	...	1	1	..	..	1	1
	Other places ...	...	...	...	...	40	22	40	22
	Total ...	19	16	22	20	171	137	212	173
	Hassan District ...	...	...	...	...	2	1	2	1
	Shimoga District ...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
	Kadur District ...	...	...	...	...	6	5	6	5
	Chitaldrug District ...	...	...	...	...	6	4	6	4

†Revised figures.
*Imported.

Supplementary Statement showing in detail the places in the Mofussil where Indigenous Plague cases and deaths were reported in daily returns to Bombay Government during the week ending 3rd February 1899.

Population in 1891.	Places.	Reported in daily returns during the week ending 3rd Feb. 1899.		Reported in daily returns during the week ending 27th Jan. 1899.		Previously reported and shown in the general statement for period from September 1896 to 20th Jan. 1899.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
	Bombay City ..	611	543	631	509	35,245	39,939	36,487	31,991
	Dharwar District.								
26,569	Dharwar—Taluka Dharwar ..	...	...	...	1	1,283	977	1,283	978
5,719	Hebli do ...	3	3	...	...	284	268	287	271
4,814	Garag do ...	5	5	...	...	254	254	259	259
864	Shivalli do ...	...	...	1	...	61	54	62	54
4,208	Aminbhavi do ...	4	4	6	3	115	84	125	91
557	Timapur do ...	...	2	2	1	24	14	26	17
852	Hangarki do ...	...	...	2	2	4	3	6	5
2,781	Alnawar do ...	2	1	...	...	15	13	17	14
1,650	Kotbagi do ...	5	5	2	2	2	2	9	9
391	Kunvihonapur do ...	1	...	..	...	1	1	2	1
408	Kalapur do ...	1	1	...	...	...	...	1	1
	Tadkode do ...	3	3	..	...	...	...	3	3
52,595	Hubli—Taluka Hubli ...	1	1	1	1	3,511	2,978	3,513	2,980
1,137	Hire-Narte do ...	...	1	1	1	66	52	67	54
579	Kardikop do ...	...	..	1	..	9	7	10	7
462	Mallahalli do ...	...	...	1	1	8	8	9	9
932	Chakalabi do ...	3	1	1	..	8	5	12	6
23,821	Gadag—Taluka Gadag ..	18	12	19	13	274	185	311	210
1,443	Kadadi do ...	...	1	...	...	360	257	360	258
1,671	Tamapur do ...	...	...	1	1	54	41	55	42
6,761	Mulgund do ...	6	4	10	11	108	88	124	103
611	Madganur do ...	1	1	2	2	45	36	48	39
1,687	Halikere do ...	5	5	6	4	27	25	38	34
765	Bentur do ...	3	2	2	2	18	10	23	14
	Antur do ...	4	2	3	2	11	6	18	10
614	Lairigeri do ...	...	...	...	1	22	13	22	14
1,945	Balagun do ...	1	2	...	1	512	391	543	394
	Mandargi do ...	3	7	7	...	...	...	10	7
812	Advisomapur do ...	1	1	..	...	14	14	15	15
479	Gavarvad do ...	2	2	...	...	...	...	2	2
	Kanjirhal do ..	14	9	...	.	..	...	14	9
	Hirekandigal do ..	1	1	...	...	271	204	272	205
1,686	Tarlaghat—Taluka Bankapur ...	...	...	3	2	25	23	28	25
590	Mugli do ...	2	4	...	...	32	23	34	27
653	Hiremallur do ...	...	...	1	1	9	8	10	9
1,850	Hirebarkuni do ...	4	11	8	2	47	32	59	45
311	Shyabal do ...	...	...	1	1	11	10	12	11
579	Hungund do ...	2	...	...	...	14	5	16	5
	Halgur do ...	...	...	5	1	11	8	16	9
	Attigere do ...	1	1	3	1	7	4	11	6
380	Kurubar Mallar do ..	1	1	3	5	6	1	7	7
	Rayalkond do ...	...	2	6	3	...	...	6	5
1,276	Ganjigatti—Taluka Kalgatgi ...	1	1	1	2	19	13	21	16
675	Hultambi do ...	1	1	1	1	32	31	34	33
1,792	Hirehonihalli do ...	...	...	2	2	46	40	48	42
429	Revdihal do ...	2	...	...	1	15	12	17	13
605	Dyavankond do ...	...	...	1	1	5	4	6	5
283	Dyampur do ...	1	1	2	2	5	5	8	8
	Yimnihatti do ...	1	1	1	1	...	..	2	2
	Nelihatli do ...	...	...	1	1	...	...	1	1
1,066	Dhulikop do ..	...	..	1	1	8	7	9	8
100	Domrikop do ...	2	2	...	...	...	...	2	2

Supplementary Statement, &c.—*continued.*

Population in 1891.	Places.	Reported in daily returns during the week ending 3rd Feb. 1899.		Reported in daily returns during the week ending 27th Jan. 1899.		Previously reported and shown in the general statement for period from September 1896 to 20th Jan. 1899.		Total.	
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
	Dharwar District—concld.								
1,155	Mukkal—Taluka Kalghatgi ..	3	1	...	..	4	4	7	5
645	Hulkop do ...	2	2	...	...	76	58	78	60
155	Ichanhalli do ...	1	1	...	...	...	...	1	1
442	Hindusgeri do ...	1	...	...	...	10	8	11	8
	Tavargeri do ...	2	1	...	...	...	...	2	1
	Kittur—Taluka Karajgi ...	...	...	1	...	12	9	13	9
8,090	Navalgund—Taluka Navalgund	1	1	3	4	606	506	610	511
984	Yemnur do ...	...	1	...	...	183	133	183	134
7,975	Annigeri do ...	3	3	6	5	663	660	672	668
5,878	Nargund do ...	4	4	14	14	212	192	230	210
4,146	Morab do ...	1	6	...	...	663	520	664	526
544	Khannur do ...	1	1	...	...	29	23	30	24
1,161	Padesur do ...	4	3	1	1	35	27	40	31
195	Dandur do ...	6	6	...	...	29	23	35	29
822	Naiknur do ...	...	1	...	...	62	40	62	41
361	Kamargop do ...	1	1	...	1	46	34	47	36
301	Saidapur do ...	1	2	5	2	48	30	54	34
2,095	Halikeri do ...	19	17	19	26	112	87	150	130
1,049	Kongvad do ...	4	2	1	...	46	32	51	34
523	Adnur do ...	1	...	1	7	39	24	41	31
539	Chilakvad do ...	6	6	5	1	22	21	33	28
1,307	Shirur do ...	2	1	...	...	49	45	51	46
816	Sasvehalli do ...	5	7	8	7	79	58	92	72
1,327	Amargol do ...	9	8	7	7	143	109	159	124
1,640	Shirkol do ...	5	4	4	4	52	31	61	39
806	Kondikop do ...	3	2	6	9	44	33	53	44
586	Kurlagiri do ...	3	3	1	2	32	21	36	26
2,162	Arekurtti do ...	7	4	1	1	11	9	19	14
554	Nagarhalli do ...	4	2	2	1	9	10	15	13
	Thirlapur do ...	6	4	2	2	14	11	22	17
	Gamgol do ...	3	2	...	...	5	5	8	7
726	Karlavad do ...	2	3	2	1	6	5	10	9
760	Balarvad do ...	1	1	..	2	5	2	6	5
	Basapur do ...	2	2	3	1	...	...	5	3
	Benhatti do ...	9	5	8	3	..	...	17	8
	Kalkeri do ...	1	1	...	...	3	3	4	4
1,601	Bhadrapur do ...	...	1	...	...	484	447	484	448
581	Kittur do ...	1	1	...	...	135	102	136	103
663	Tallmorab do ...	2	2	...	...	67	48	69	50
1,395	Halkusagal do ...	1	1	...	...	..	..	1	1
2,659	Belvanki—Taluka Ron ...	...	...	...	1	688	621	688	622
7,426	Nargal do ...	...	...	3	3	330	285	333	288
6,418	Ron do ...	11	13	22	23	152	116	185	152
1,721	Kavasgeri do ...	15	16	19	15	35	29	69	60
2,410	Jakli do ...	2	3	2	1	20	15	24	19
442	Krishnapur do ...	5	6	5	4	5	3	15	13
2,543	Yavagal do ...	...	...	3	1	557	492	560	493
	Savdi do ...	21	17	8	4	...	...	29	21
1,508	Kotbal do ...	2	2	...	...	...	...	2	2
1,317	Hadgalli Samat Dambal do ...	1	...	2	2	69	52	72	54
1,038	Hadgalli Samat Yavagal do ...	6	5	13	6	74	73	93	84
	Other places ...	...	...	...	...	22,179	17,830	22,179	17,830
	Total ...	295	276	285	238	35,824	29,102	36,404	29,616
	Kanara District ...	11	5	12	4	92	66	115	75